



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Friday August 27, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Isolated heavy rain/flooding possible for portions of NM and the Upper TX coast today, and for the LA coast today and tomorrow.**
- **Ida will approach the northern Gulf as a major hurricane on Sunday.**
 - **Dangerous storm surge, hurricane force winds, and heavy rain/flooding potential for the LA coast Sunday.**
 - **Inland wind/flood potential for LA Sunday and Monday.**
 - **Inland flood potential for AR Tuesday.**

FEMA Region 6 Threat Matrix

Aug 27, 2021 - Aug 31, 2021



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| DAY / THREAT | Fri | Sat | Sun | Mon | Tue |
|-----------------------------|------------------------|----------|------|-----|-----|
| Severe Storms | | | E LA | | |
| Heavy Rain / Flash Flooding | NM, LA/Upper TX coasts | LA coast | LA | LA | AR |
| Fire Weather | | | | | |
| Tropical Winds / Surge | | LA | LA | | |
| Heat | | | | | |
| River Flooding | AR | AR | LA | LA | LA |
| | | | AR | AR | AR |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



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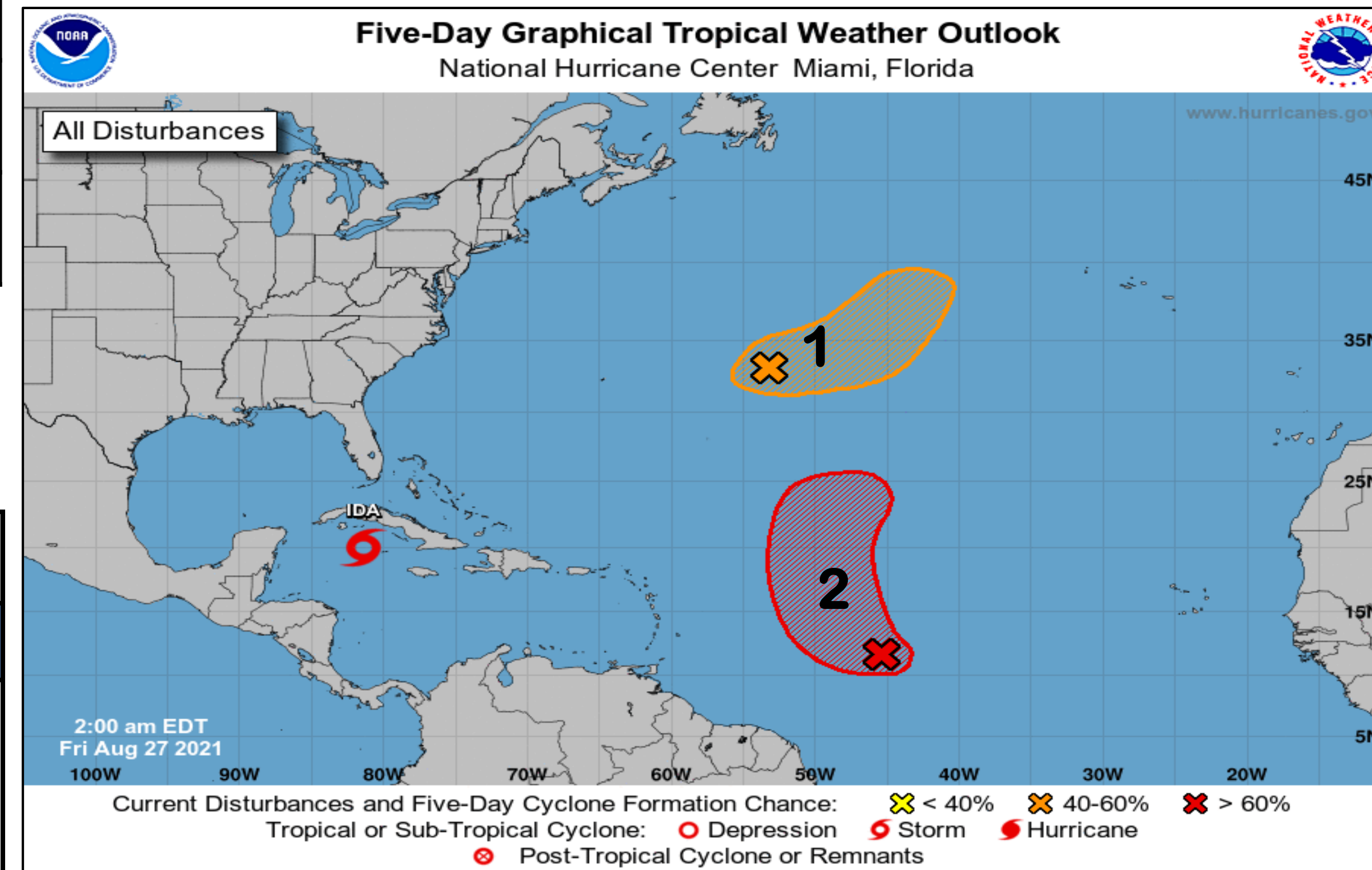
See next slide for more information on Ida

Areas of Possible Development

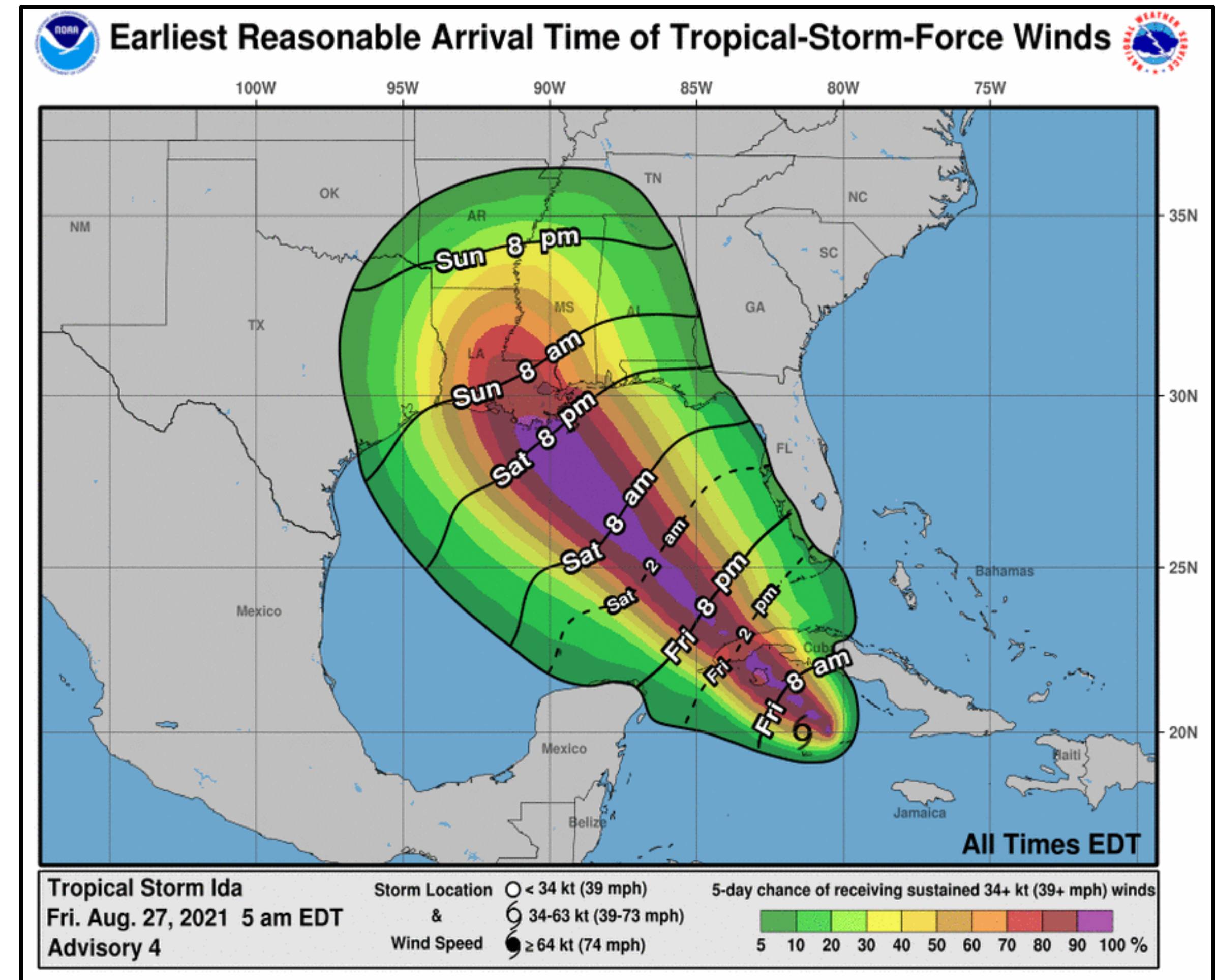
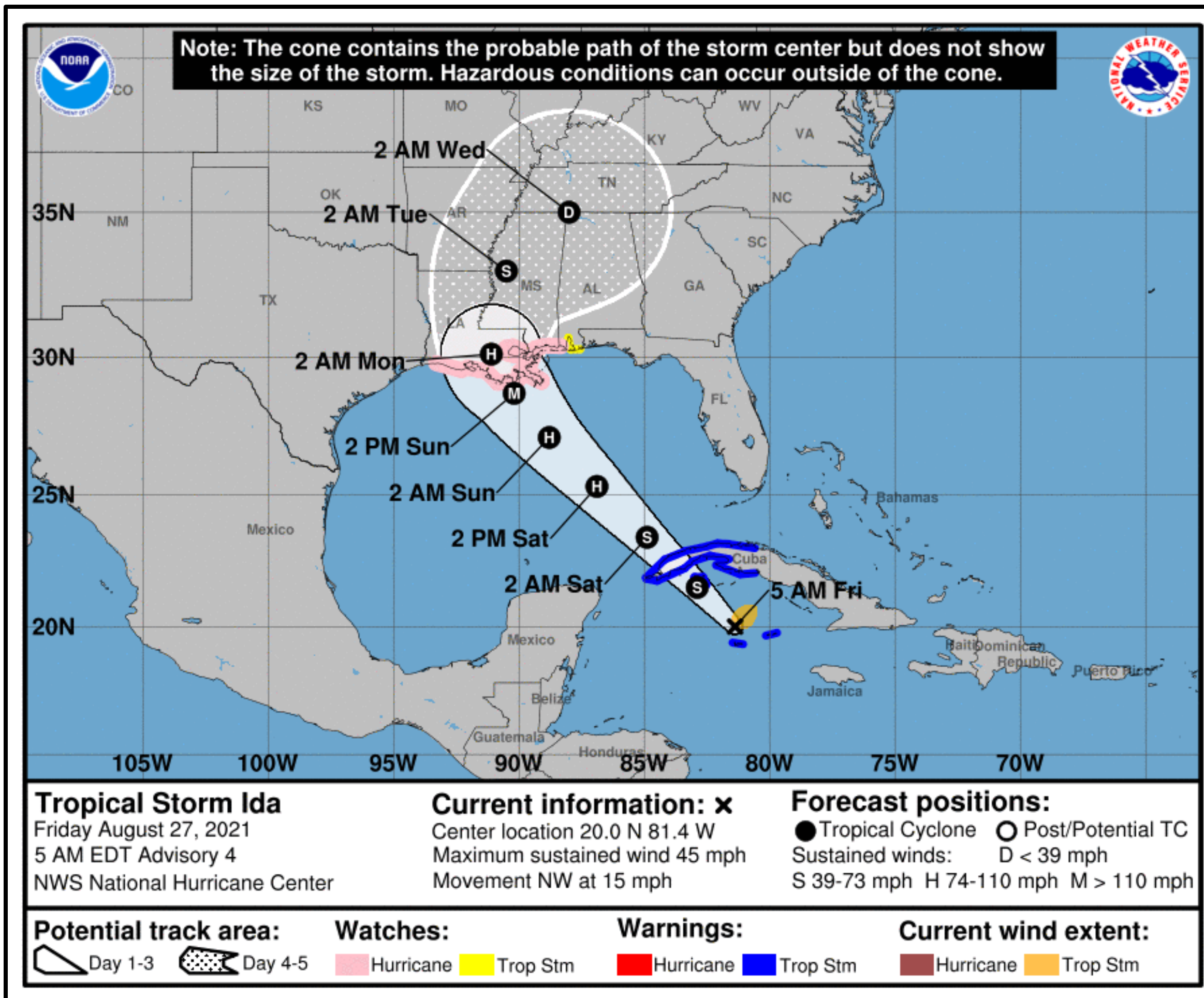
| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| 1 | Medium | None. |
| 2 | High | None. |

Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|---|
| Ida | Dangerous storm surge, hurricane force winds, & heavy rain/flooding potential for the LA coast Sun. Inland wind/flood potential for LA Sun-Mon. Inland flood potential for AR Tue |



Ida will approach the northern Gulf coast at major hurricane intensity on Sunday.
Dangerous storm surge, hurricane force winds, & heavy rain/flooding potential for the LA coast Sunday. Inland wind/flood potential for LA Sunday/Monday. Inland flood potential for AR on Tuesday.





Tropical Storm Ida 7-Day Flood Hazard Outlook (Prototype)

Includes General Flash and River Flood Hazards

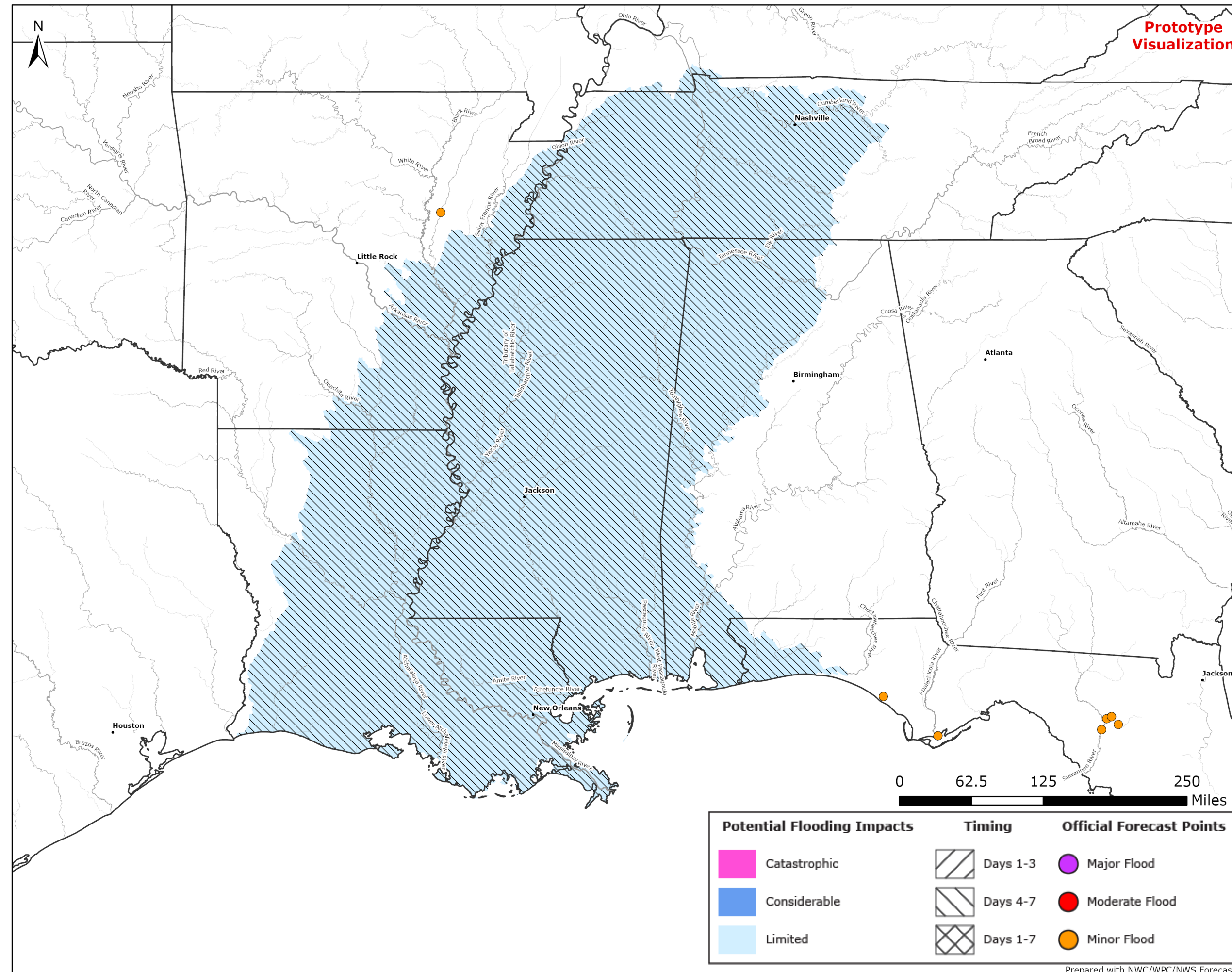
Issued: 2021-08-26 4:00 PM CDT (21:00 UTC) | Valid Through: 2021-09-02 4:00 PM CDT (21:00 UTC) | Next Issuance: 2021-08-27 06:30 AM CDT (11:30 UTC)

NWC National Water Center

Flood Hazard Messages

- Across much of the Lower Mississippi Valley and into the lower Tennessee Valley, flash, urban, and small stream flooding impacts along with river flooding impacts are likely beginning Sunday in response to heavy rainfall from Tropical Storm Ida.
- Antecedent conditions vary across the region with wet soils and elevated streamflows already in place along portions of the central Gulf Coast, much of Mississippi, western Alabama, western Florida Panhandle, and central Tennessee, making these areas more vulnerable to flooding impacts.
- Interests along the central Gulf Coast through the Tennessee Valley should continue to monitor the progress through the weekend into early next week.

Disclaimer: This graphic is intended to provide a general flash and river flood hazard outlook. It is not intended to depict coastal flood risk due to storm surge. Please refer to the detailed products issued by local National Weather Service offices for official forecasts and warnings (www.weather.gov).



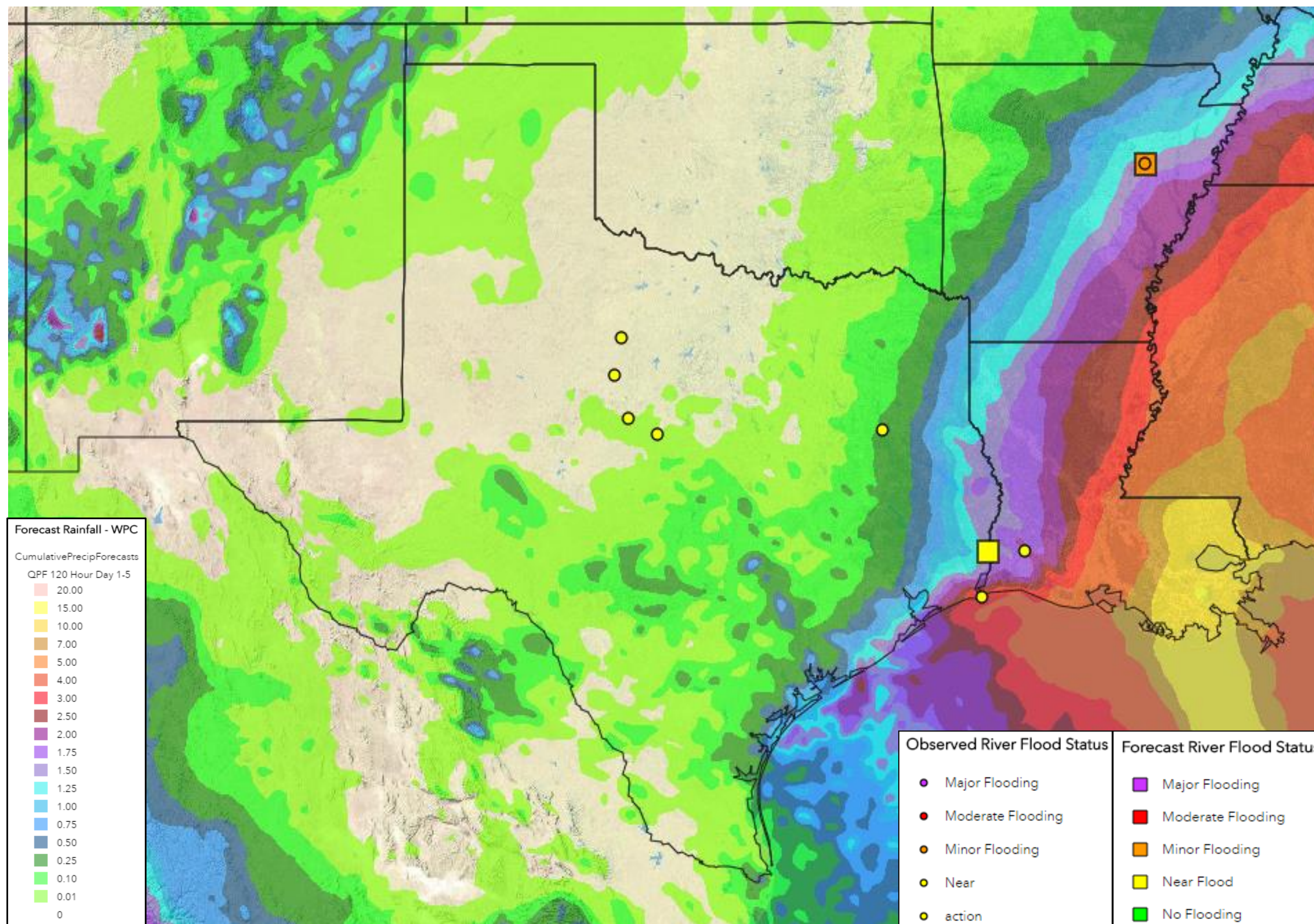
About this product: https://nws.weather.gov/products/PDD/PDD_PrototypeFloodHazardOutlookProduct_2021.pdf | To provide feedback: https://nws.weather.gov/products/PDD/PDD_PrototypeFloodHazardOutlookProduct_2021.pdf

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

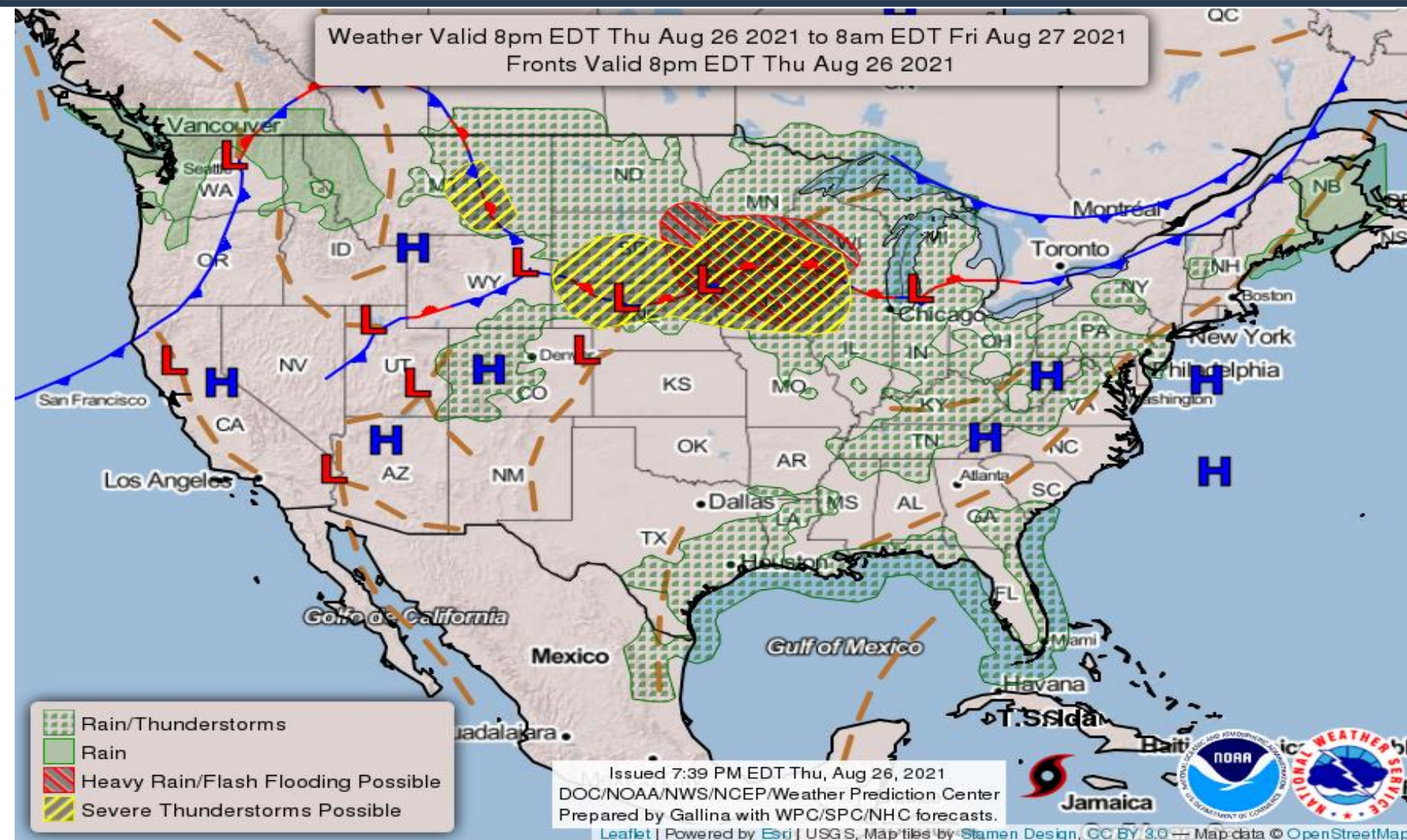


Isolated minor river flooding is occurring in TX and AR. Minor flooding to lowlands and low swampy timberland can be expected.

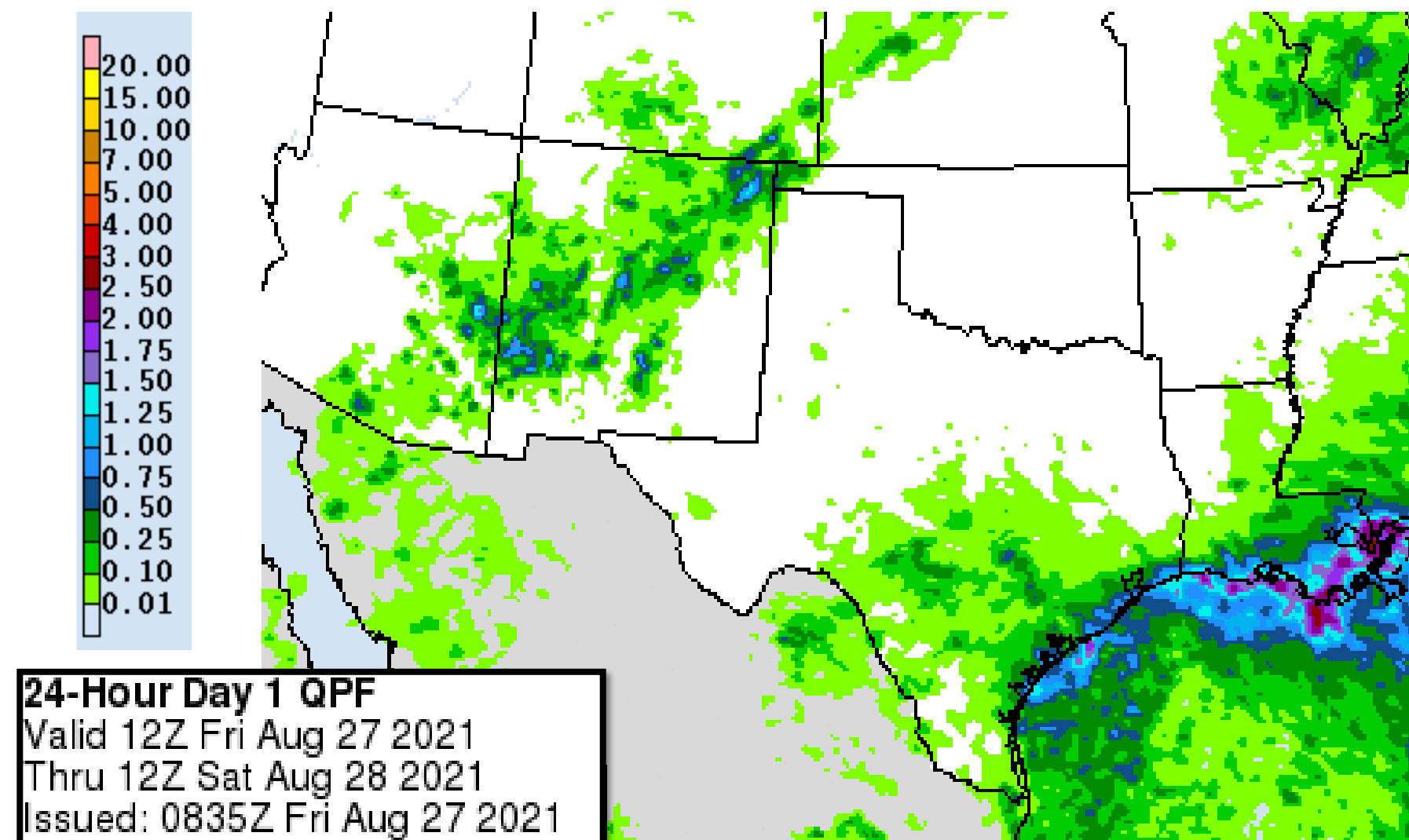
Rainfall from Ida will cause minor to moderate river flooding across portions of LA beginning Sunday.

Today's Weather

Forecast Chart

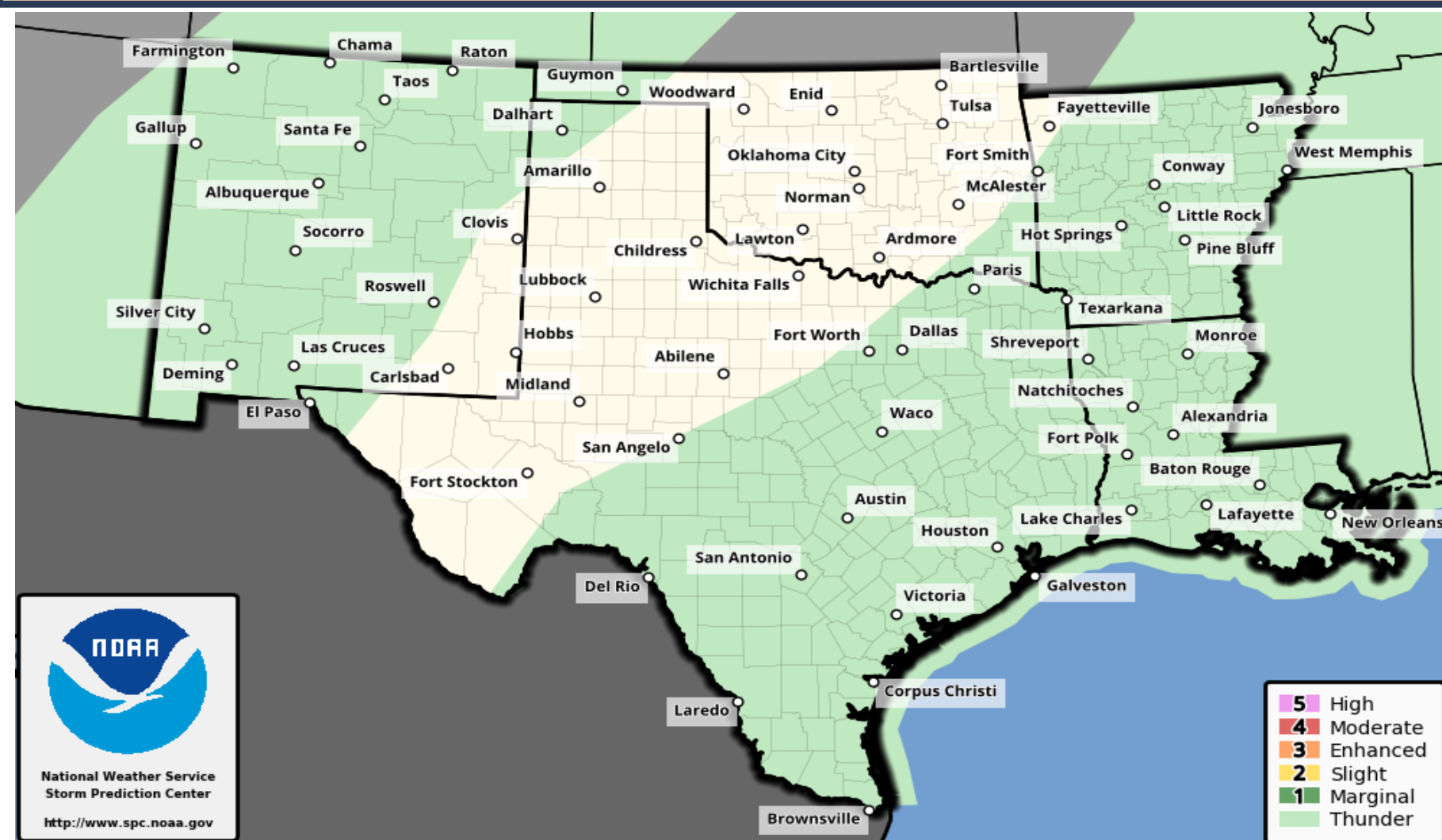


Forecast Rainfall

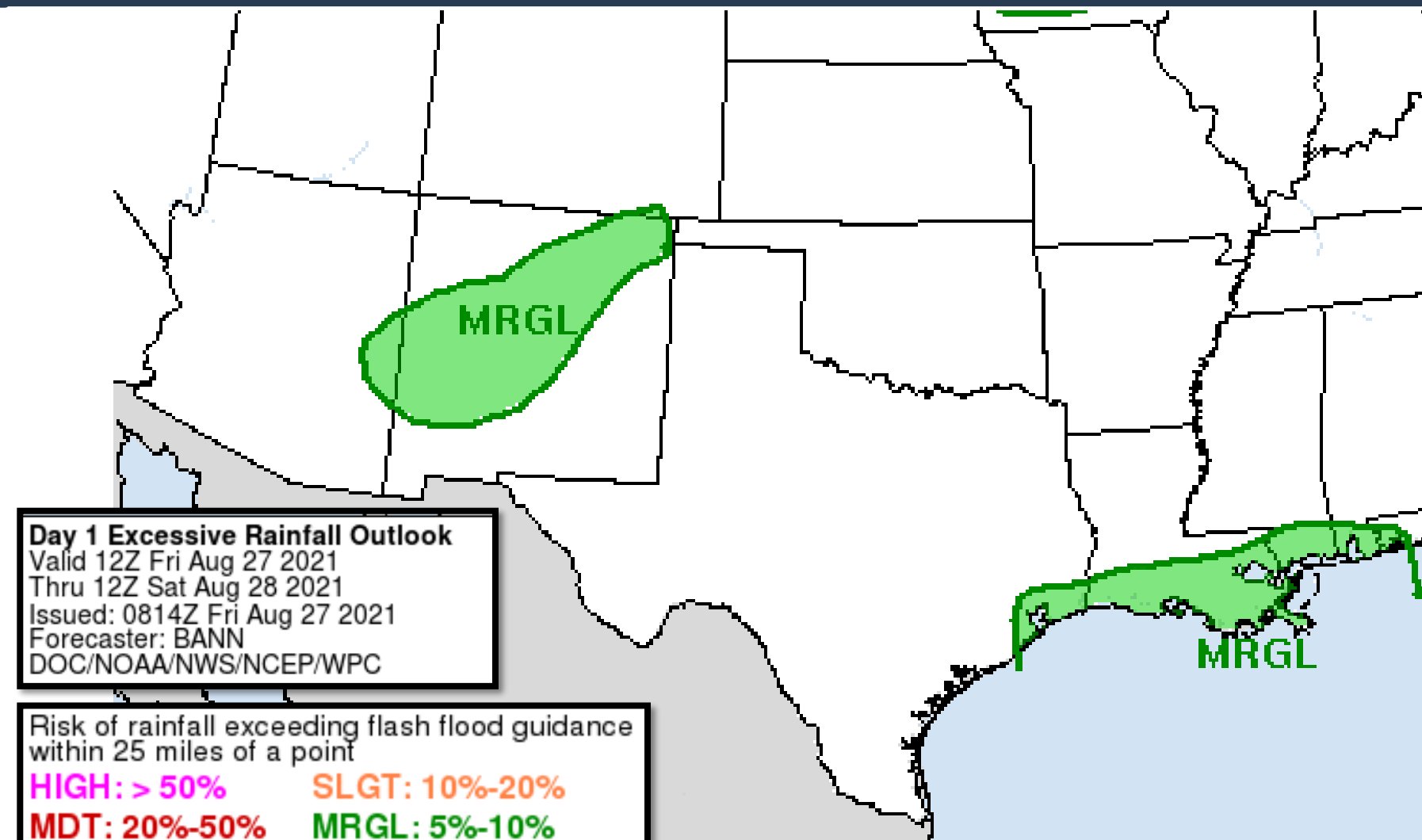


Isolated heavy rain/flash flooding across portions of NM and along the LA/Upper TX coasts.

Severe Weather Outlook



Excessive Rainfall Outlook

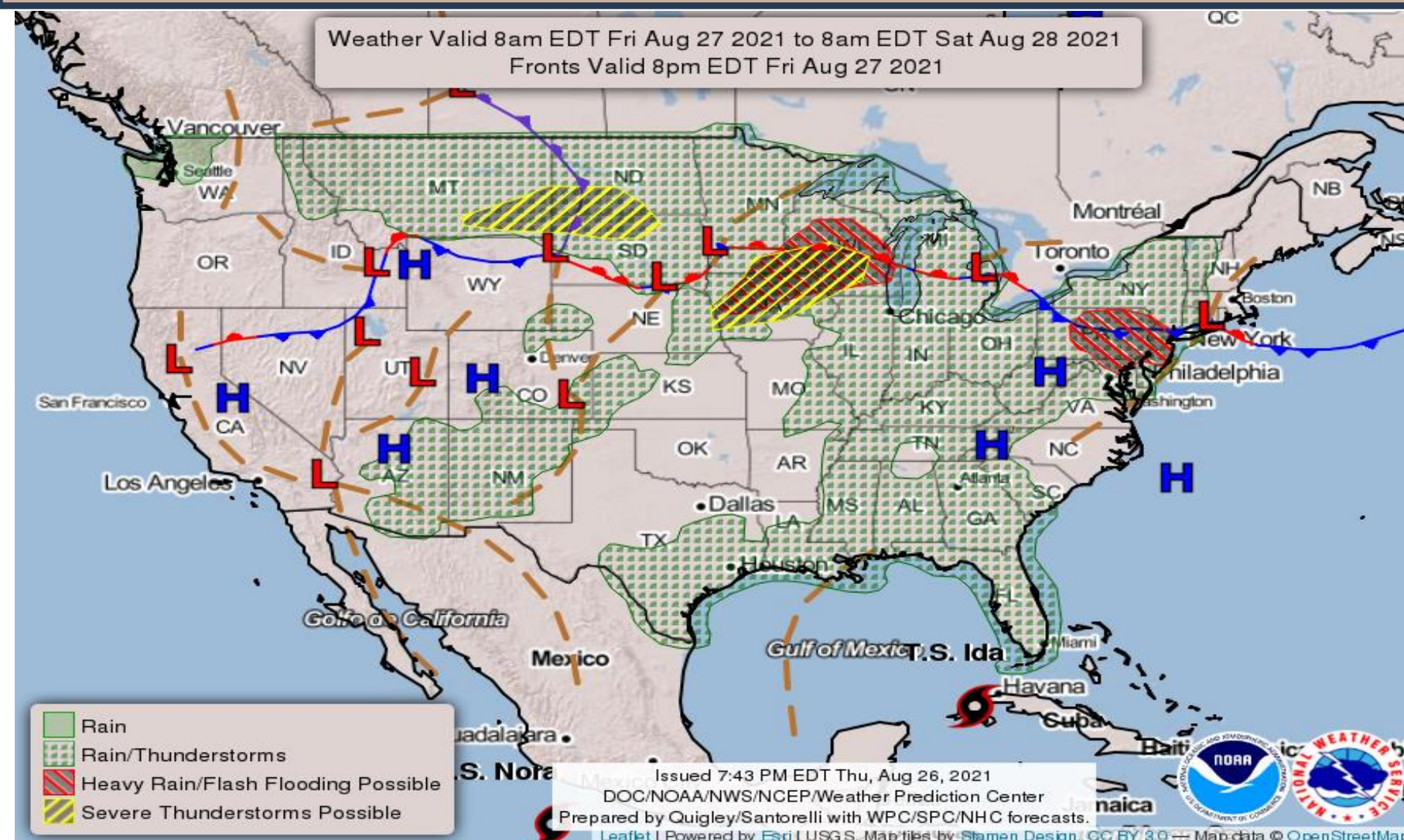


Tomorrow's Weather

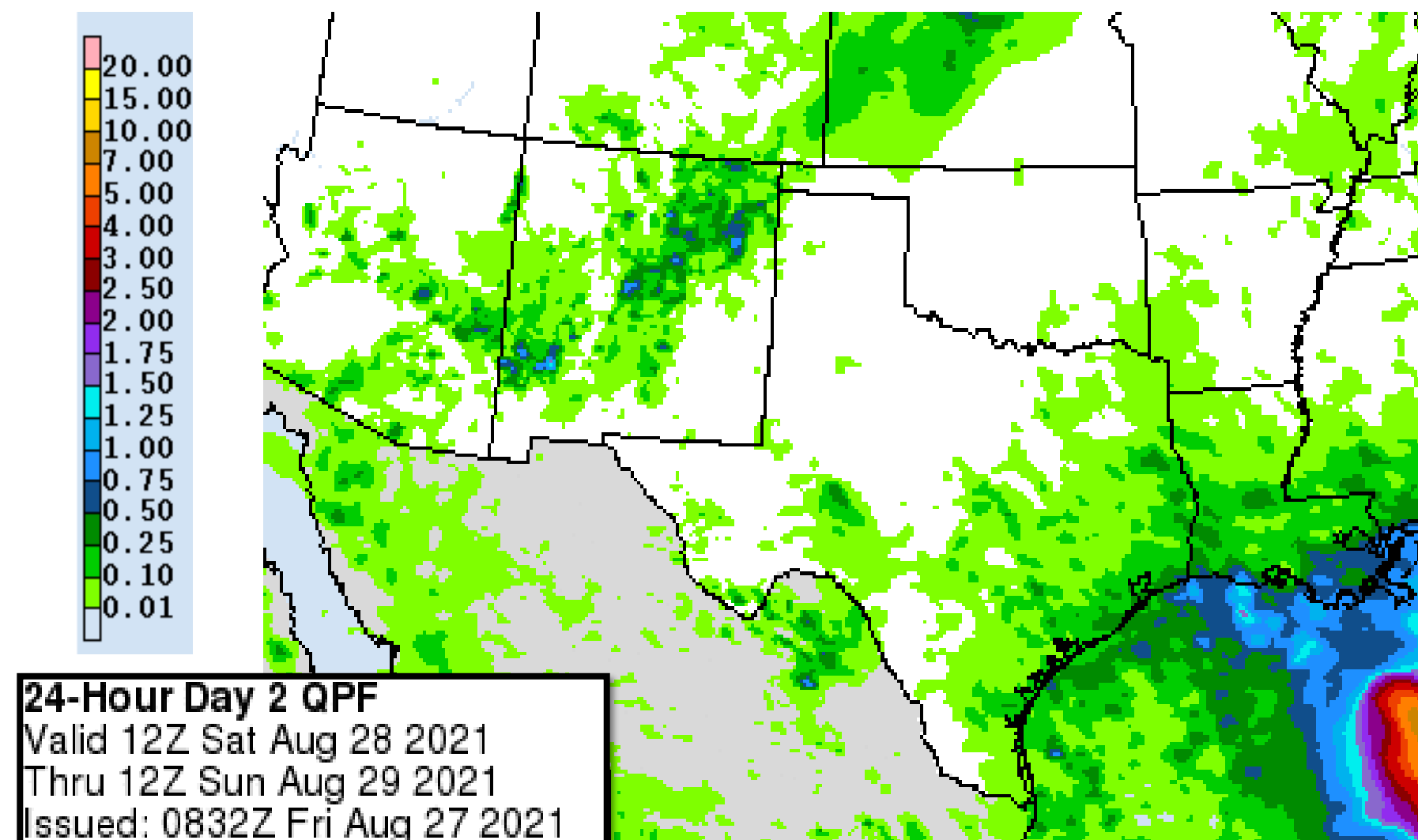


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Forecast Chart

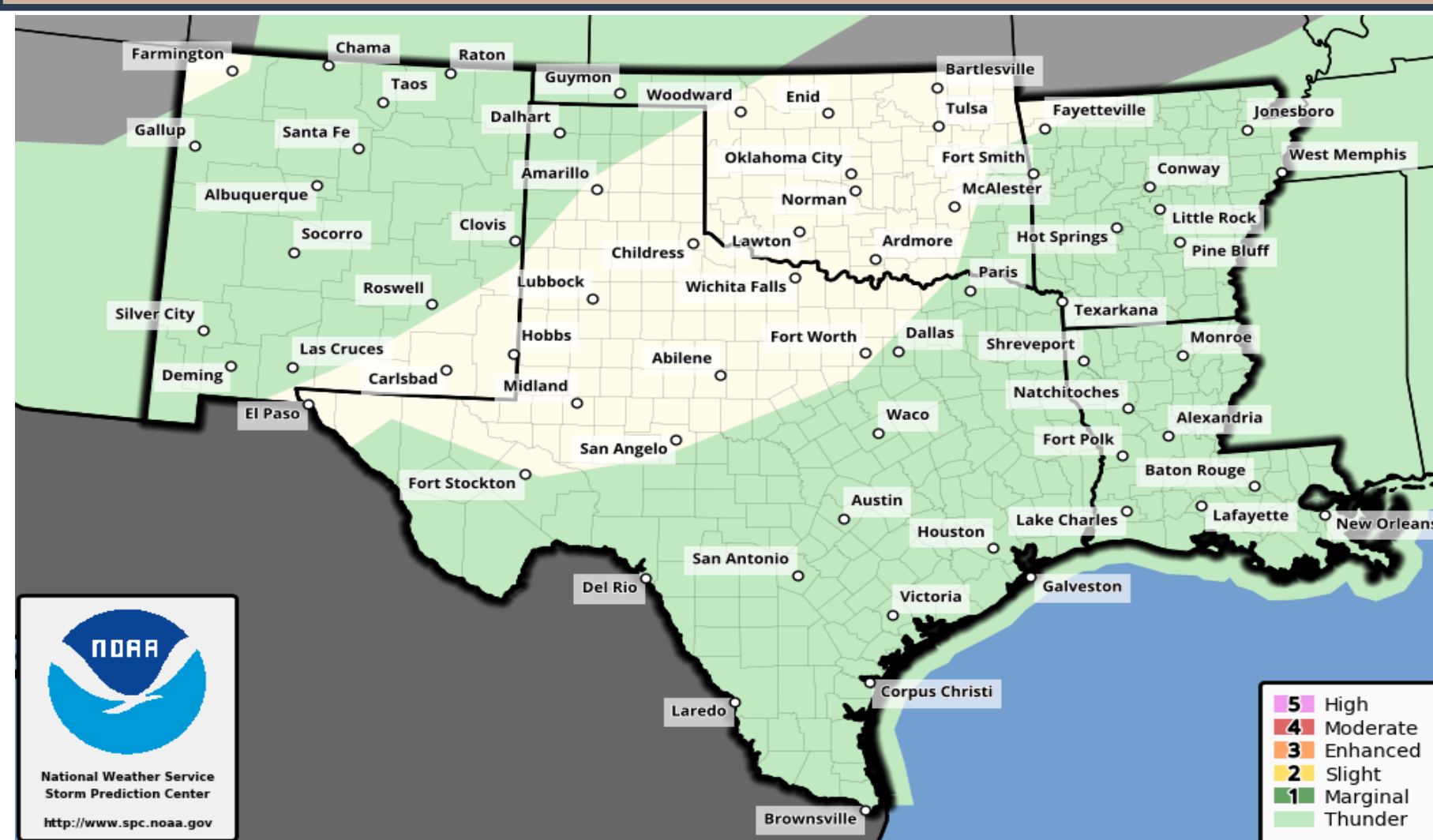


Forecast Rainfall

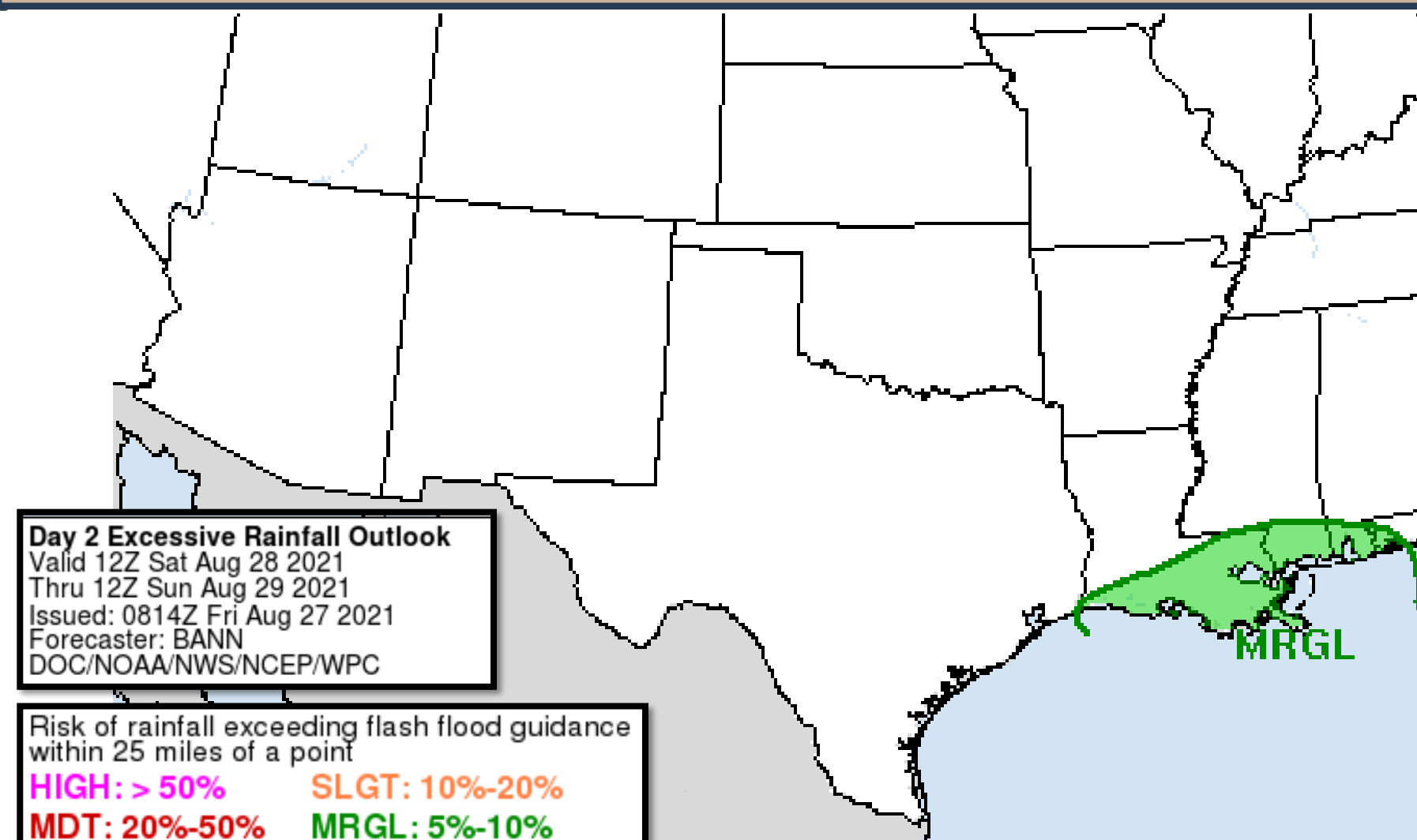


Isolated heavy rain/flash flooding along the LA coast.

Severe Weather Outlook



Excessive Rainfall Outlook



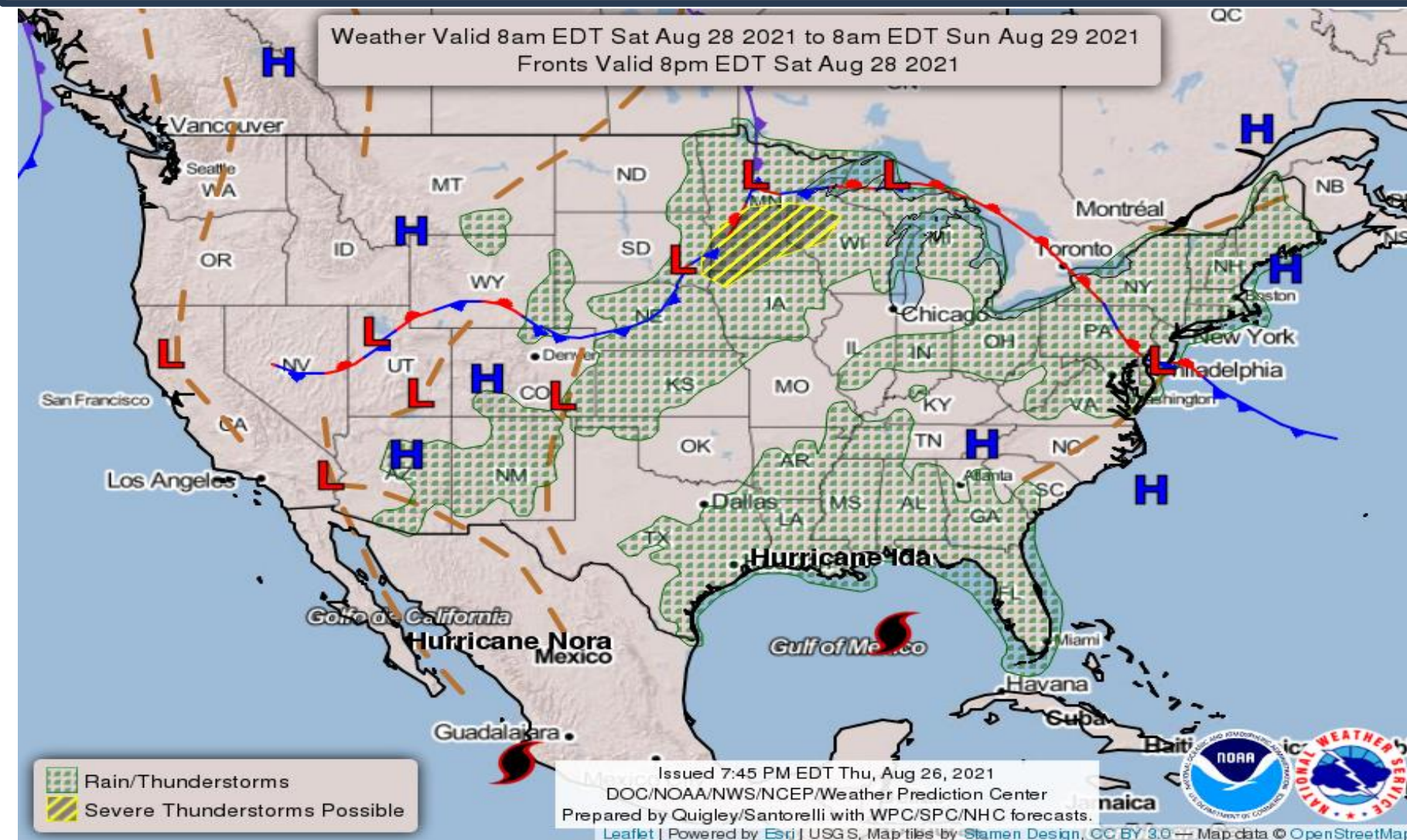
Sunday's Weather



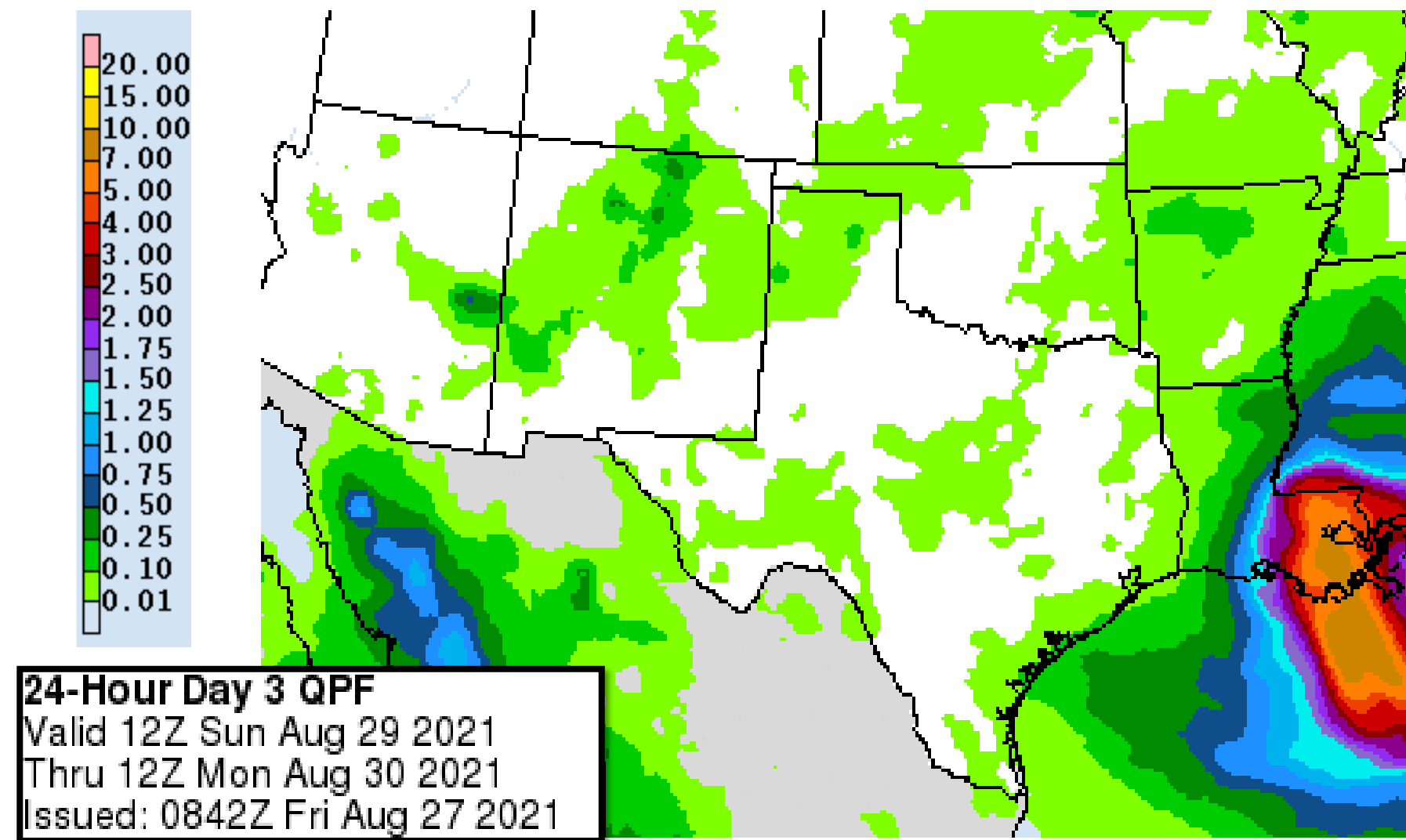
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Forecast Chart



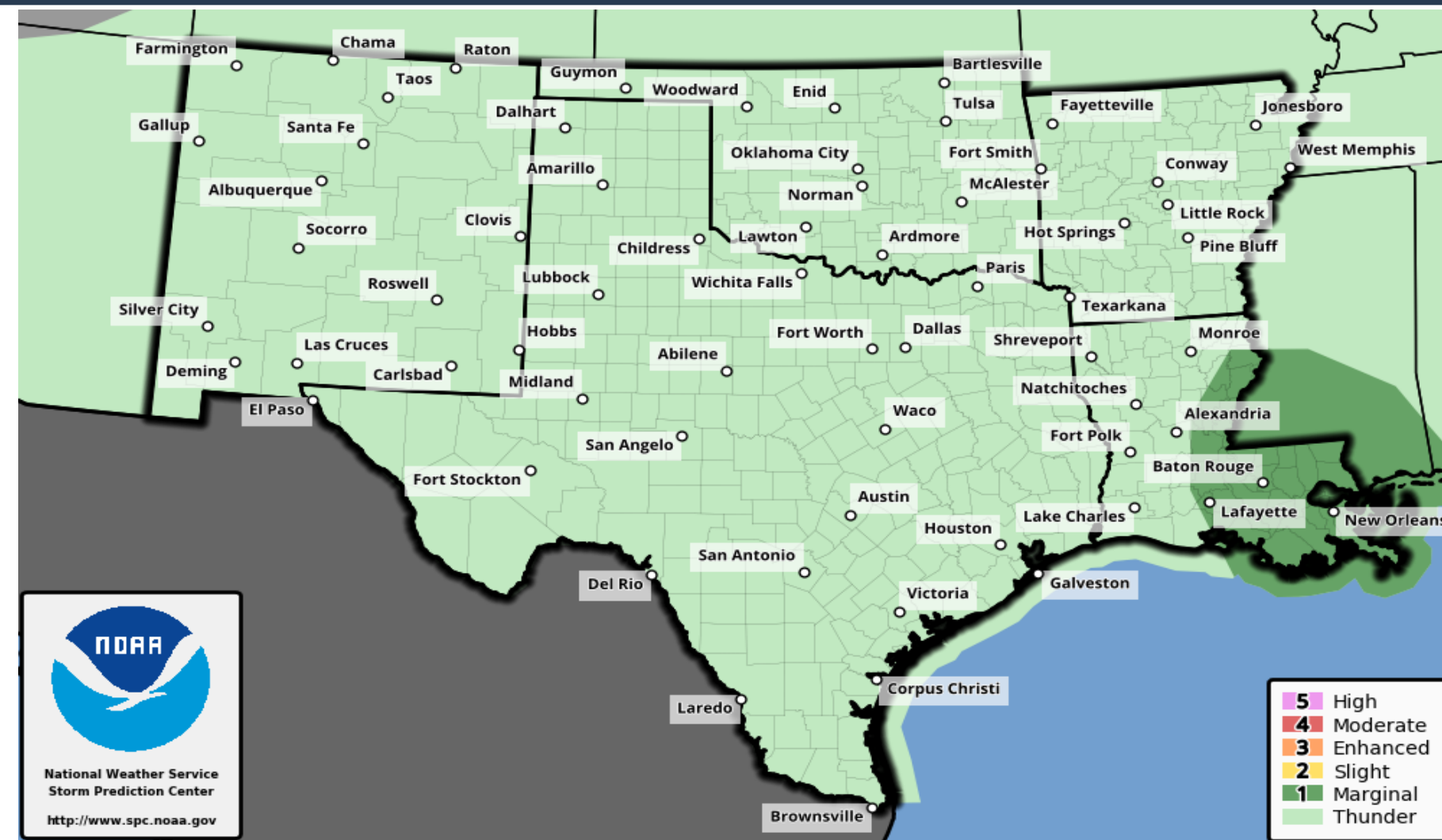
Forecast Rainfall



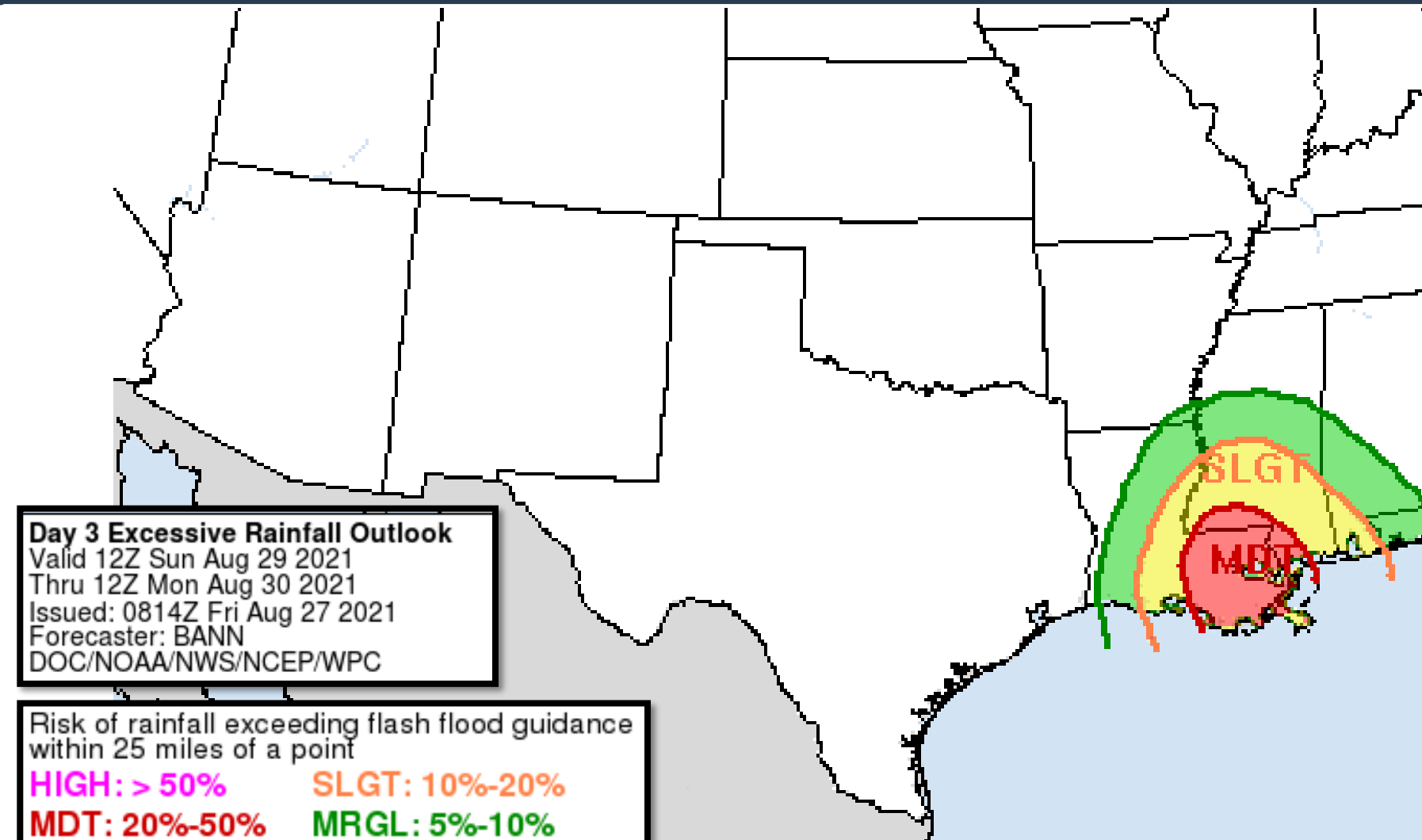
**Dangerous storm surge,
hurricane force winds, and
heavy rain/flooding potential
for the LA coast.**

**Wind and heavy rain/flood
potential also for inland LA as
Ida moves inland.**

Severe Weather Outlook



Excessive Rainfall Outlook

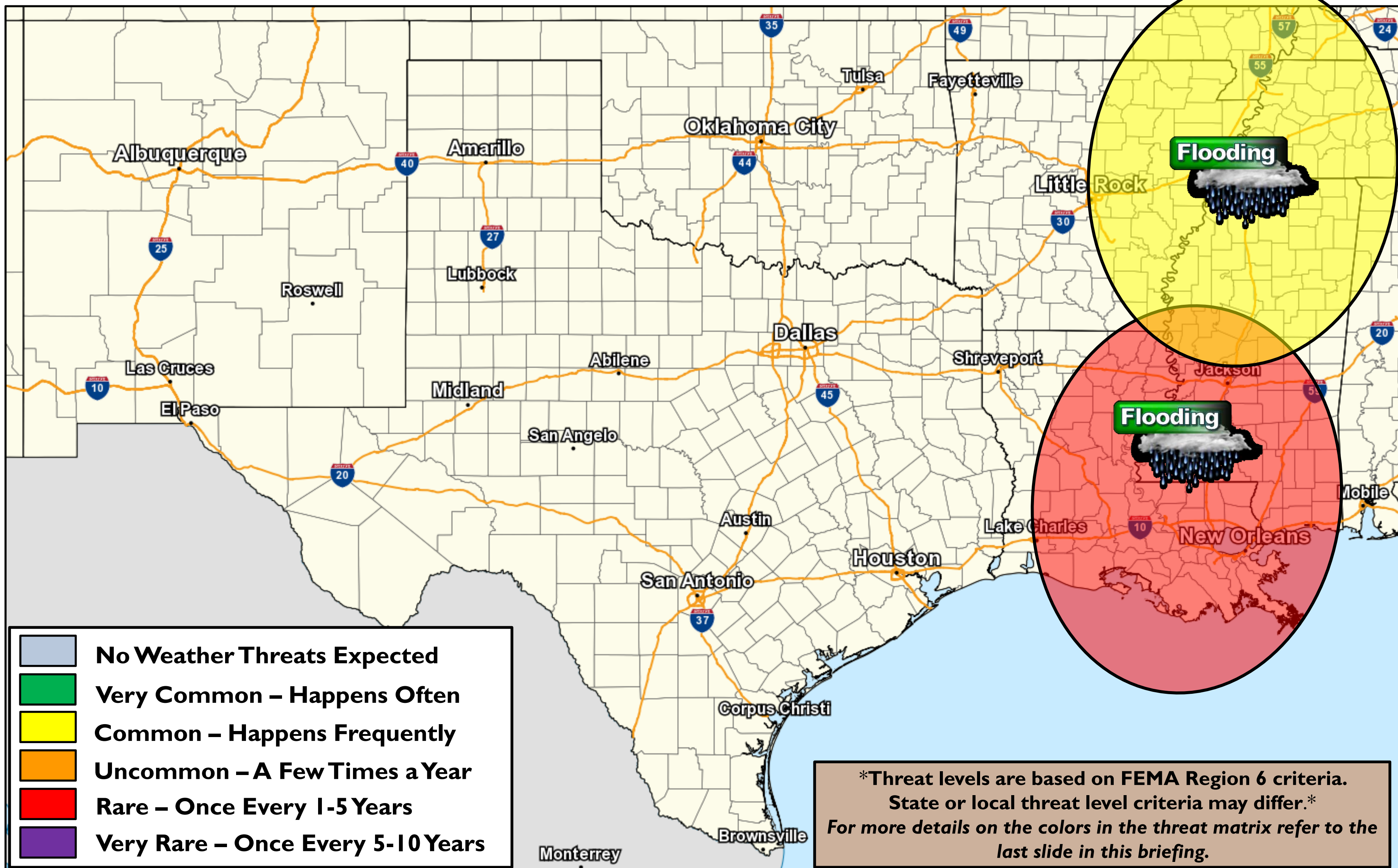


Days 4-5 Weather Hazards

Monday - Tuesday



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Heavy rain/flooding likely for much of LA Monday.

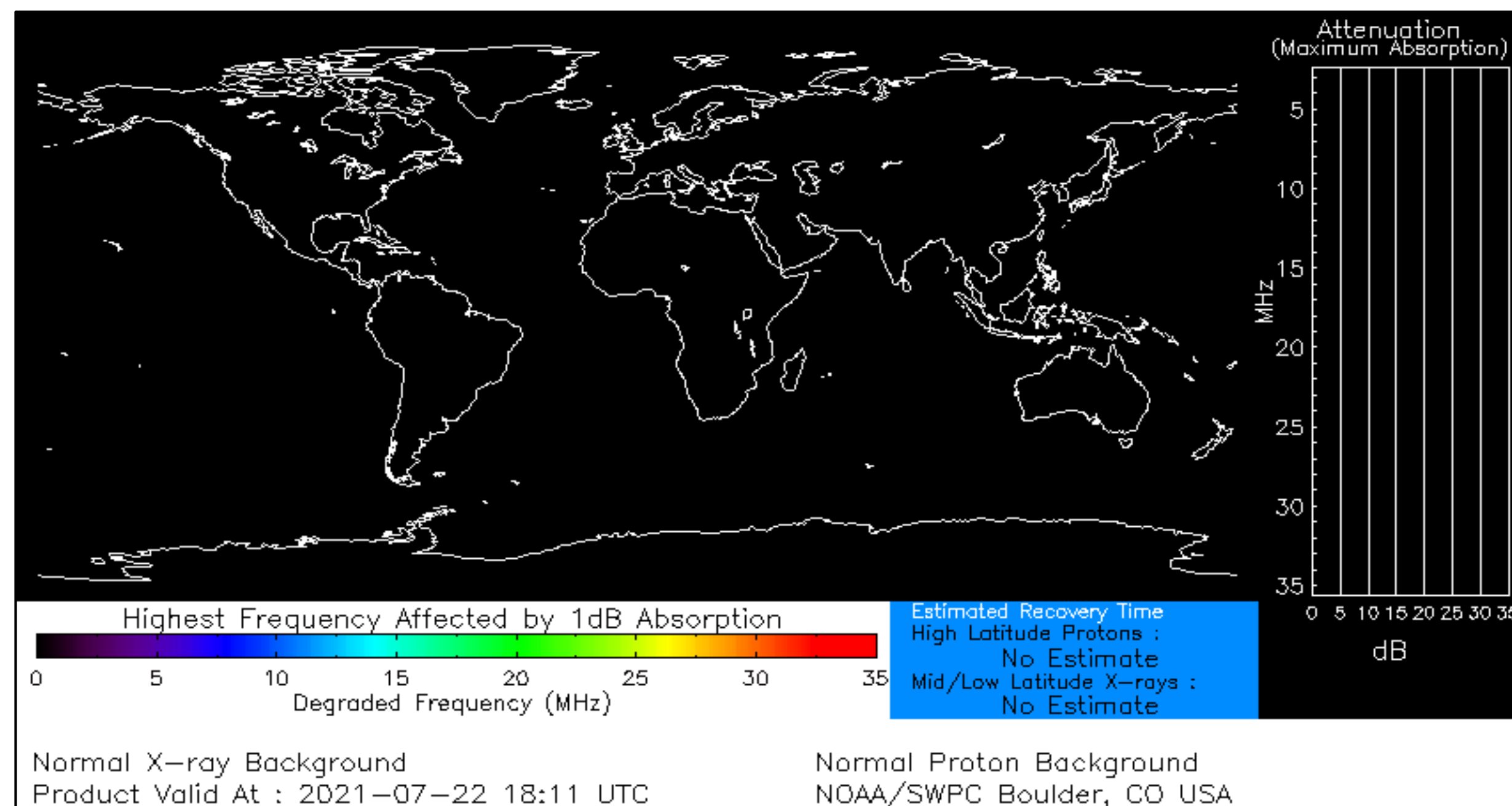
Heavy rain/flood potential for AR Tuesday.

Space Weather 3-Day Forecast



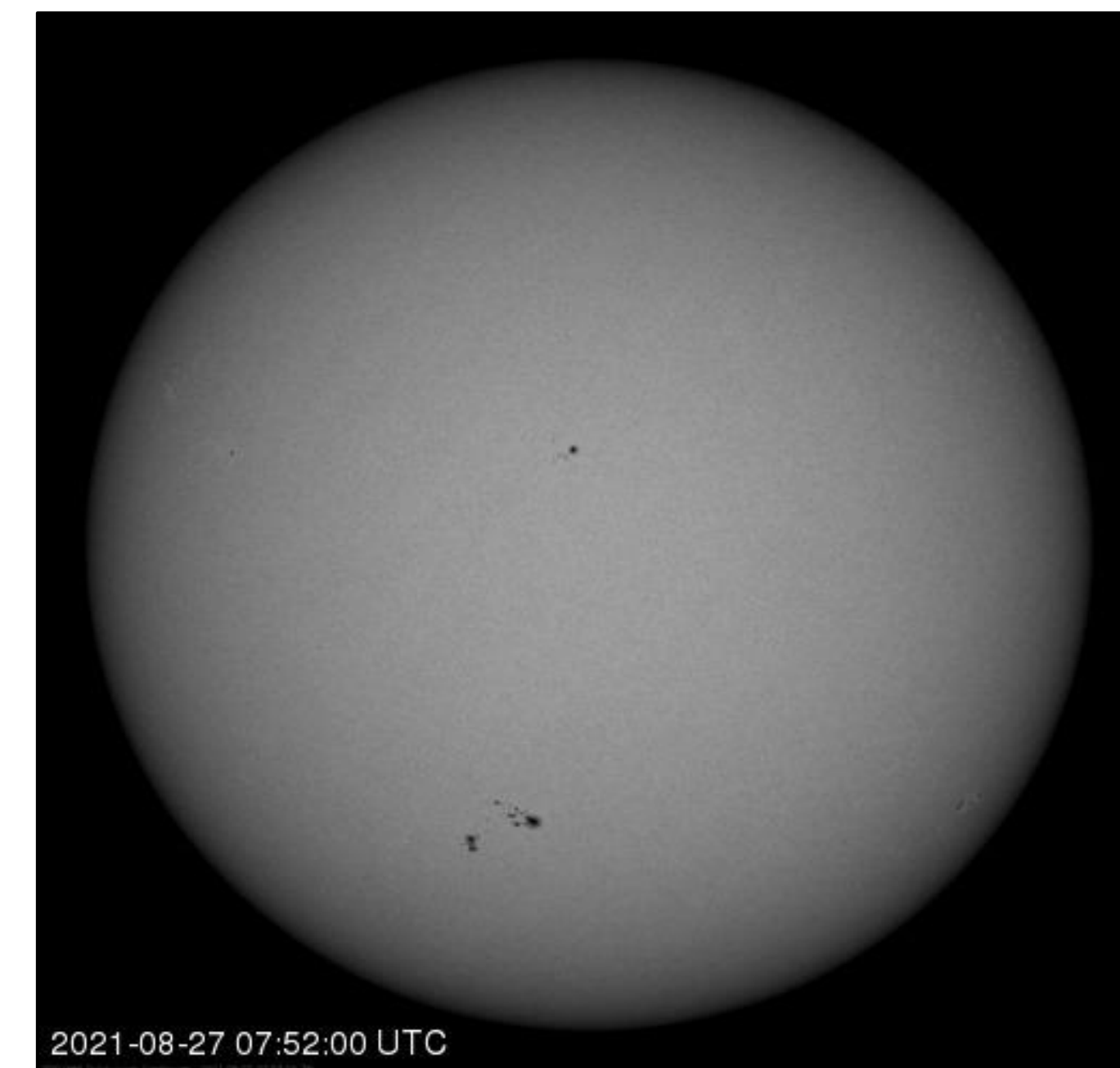
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| | Friday | Saturday | Sunday |
|--------------------------------------|--|-----------------------------------|--|
| Geomagnetic Storms | Quiet to Unsettled (Max Kp = 3) | Unsettled (Max Kp = 3) | Quiet to Unsettled (Max Kp = 3) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 5% | 5% | 5% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





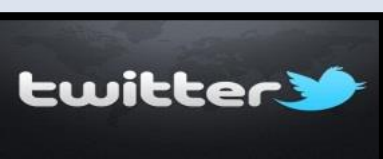
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



| Weather “Threat” Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov